

### Abstract

According to the present invention, a device for measuring an object to be measured in a sample which comprises a support, sample addition site (S) and a detection site (Q), said sample addition site and said detection site being on the support, said support allowing the object to be measured to move by the capillary flow of a developing liquid, said detection site having a piezoelectric vibrator sandwiched between two electrodes, said piezoelectric vibrator having a trapper A (c1) immobilized thereon, or an analogue of the object to be measured (c1') immobilized thereon, and said support further comprising a binder retaining site (BR) where a binder (b1) is retained therein so that it is movable by the capillary flow of the developing liquid. Furthermore, the present invention provides a method for quantitatively determining an object to be measured in a sample using the device.